**Aerospace Engineering**

**COURSE SELECTION**

- **FRESHMAN**
  - Familiarize yourself with engineering requirements & various majors.
  - Pre-engineering required: MATH 1610 & MATH 1620 (C grade or better), CHEM 1030/1031 & PHYS 1600, COMP 1200 (Matlab preferred), ENGR 1100 & ENGR 1110
  - Maintain a good GPA, seek academic support early and often.
  - Continue to meet every semester with student services coordinator. Discuss future elective options.
  - Gateway courses: ENGR 2050, MATH 2630/2650, AERO 2200 (must make C or better in all courses)
  - Consider adding a minor.

- **SOPHOMORE**
  - Complete: AERO 4620/4630, 4710/4720, and electives
  - Schedule Graduation Credit Check with ESS advisor one semester prior to graduation.
  - Register for UNIV 4AA0 EN1 (the graduation list) for your final semester.

- **JUNIOR**
  - Gateway courses: AERO 3110, 3120, 3130, 3610
  - Conclude Co-Op rotation if possible.

- **SENIOR**
  - Complete: AERO 3130, 3610
  - Schedule Graduation Credit Check with ESS advisor one semester prior to graduation.

**ASK FOR ASSISTANCE**

- Meet with student services coordinator each semester to discuss class schedule and academic plan.
- Check out free ESS tutoring to get off to a strong start. (eng.auburn.edu/current-students)

**GAIN EXPERIENCE**

- Explore CO-OP opportunity (CO-OP orientation is 1st 3 weeks each semester)
- Attend Internship & Part-Time Job Fair in Fall/Spring. (auburn.edu/career)
- Intern and/or participate in CO-OP to add valuable work experience to your resume.
- You may pursue internships in any engineering field.
- Explore options for Study Abroad.
- Attend the STEM Career Expo in Fall/Spring.

**GET INVOLVED**

- Check out AU Involve (auburn.edu/auinvolve) to identify organizations of interest.
- Join an organization & attend meetings to develop your interests, build social connections, and enhance your resume.
- Continue to participate in competition teams to expand experience and develop leadership skills.
- Check out Aerospace Engineering opportunities like The American Institute of Aeronautics and Astronautics (AIAA), University Student Launch Initiative (USLI) and Design/Build/Fly (DBF) competition teams, Auburn University Rocketry Association (AURA), Club Europa, and others. (eng.auburn.edu/current-students)

**Career Planning**

**Auburn University Career Center**

303 Mary Martin Hall | auburn.edu/career

The program prepares students for entry into a variety of positions. Like all engineering fields, critical thinking and problem solving ability are to being successful. Aerospace engineers are especially concerned with aerodynamics, propulsion, dynamics, and a variety of challenges associated with flight both in and beyond the atmosphere.

**Engineers in Leadership - various**

- Minimum Education: B.A.E.
- Entry Level Salary Range: $63.0K - $108.3K

**Missile Systems Engineer**

- Minimum Education: B.A.E.
- Entry Level Salary Range: $63.0K - $108.3K

**Aerodynamics Engineer**

- Minimum Education: B.A.E.
- Entry Level Salary Range: $63.0K - $108.3K

These are just three options out of many that aerospace engineering majors pursue. For more career options be sure to check out “What Can I Do With a Major In...” on auburn.edu/career.